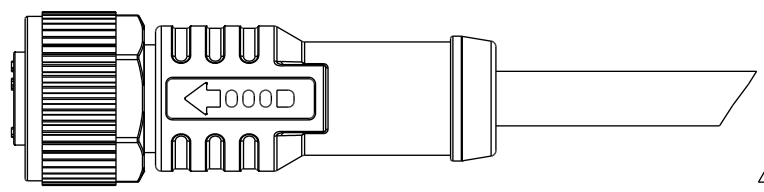
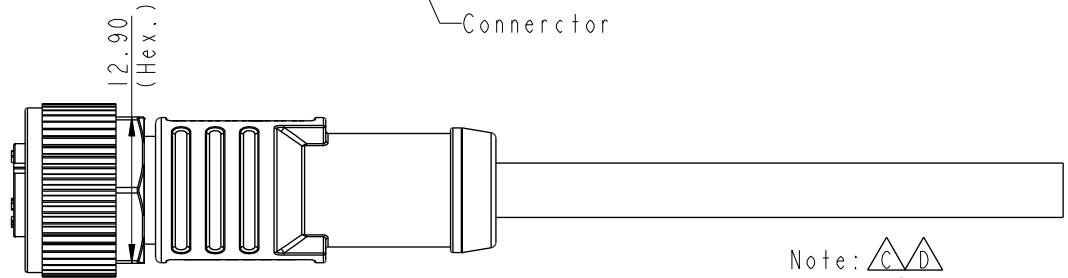
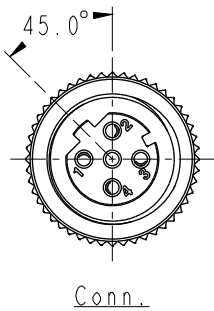
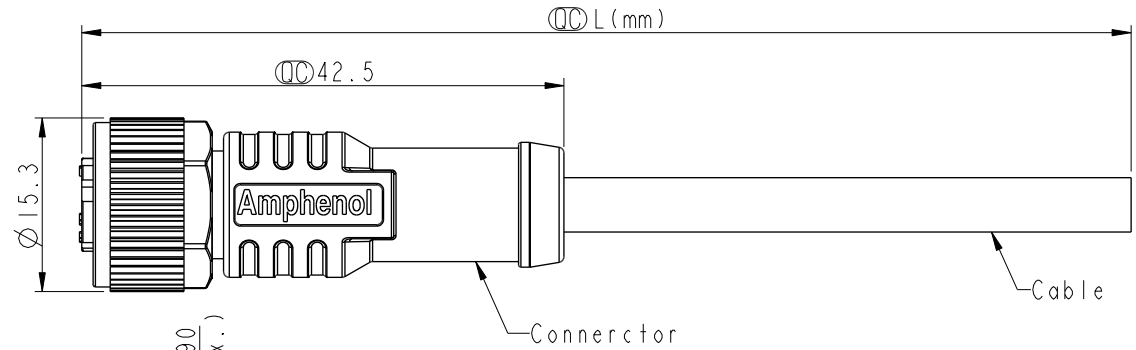


THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

| REV. | ECN NO. | DATE | SIGN | DESCRIPTION |
|------|----------------|------------|-------------|-----------------------------------|
| B | LEN16A0094-096 | 2016/10/14 | Yulong_wang | Add 3, 5Pin, IP69K & Cat5e Cable. |
| C | C201470 | 2020/10/06 | Ruru | $\triangle C$ X6 |
| D | C210211 | 2021/03/19 | Ruru | $\triangle D$ X3 |



- Note: $\triangle C$ $\triangle D$
- * RoHS Compliant
 - * ⌀ Important dimension
 - $\triangle B$ * Waterproof rate: IPX8, mated 1m/24h
IPX9K, mated
 - * Connector
 - Housing: Thermoplastic, Black
 - Pin: Copper alloy, Gold plated
 - O-Ring: Rubber, Green
 - Nut: Thermoplastic, Black
 - Outer mold: Thermoplastic, Black
 - $\triangle B$ * Cable: UL2517, PVC Jacket, Black
 - * Cable length tolerance: 1M: +50/-0 mm
 - 1M < L ≤ 3M: +100/-0 mm
 - 3M < L ≤ 5M: +150/-0 mm
 - 5M < L ≤ 10M: ±100 mm
 - 10M < L ≤ 20M: ±200 mm
 - 20M < L ≤ 30M: ±300 mm
 - 30M < L ≤ 99M: ±500 mm

| | | |
|-----------|--|--|
| UNIT: mm | | |
| TOLERANCE | | |
| ±0.5mm | | |

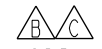
| | | | |
|--|----------------|------------------------------|--|
| TITLE N SEN, M12 D -PLASTIC, SCREW CABLE W/O SR, F, F, MOLDING $\triangle D$ | | | |
| SCALE 3:2 | SIZE A4 | SHEET 1 OF 2 | |
| REV. D | WC-REV. A.2 | ⌀ : Inspection item | |

Amphenol LTW
安費諾亮泰企業股份有限公司

| | | |
|--|-------------------------|--------------------|
| ITEM NO. | DRAWN BY Yulong_wang | DATE 2016-10-14 |
| DWG. NO. $\triangle C$ MSDP-XXBFFM-SL8DXX | CHECKED BY Jinhai | DATE 2016-10-14 |
| CUSTOMER ALTW | APPROVED BY Jerry | DATE 2016-10-14 |

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

| | | | | |
|----------|----------|-----|----------|--------------------|
| | 5P | 5.1 | 22 | MSDP-05BFFM-SL8DXX |
| | 4P | 4.8 | | MSDP-04BFFM-SL8DXX |
| | 3P | 4.5 | | MSDP-03BFFM-SL8DXX |
| Contacts | Cable OD | AWG | Item No. | |

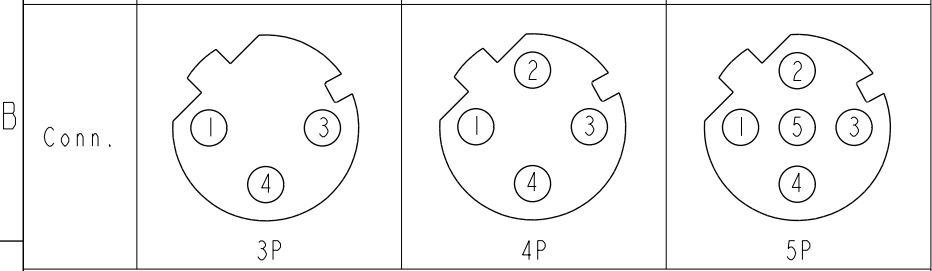


MSDP-XXBFFM-SL8DXX

XX: No. Of Pin

XX: 01~99Meters
 01: 01Meter
 02: 02Meters
 .
 99: 99Meters

| | | | | | | | | | |
|---------|-------|-------|---|-------|-------|---|-------|-------|---|
| Pin Out | 5 | -- | | 5 | -- | | 5 | Gray | 灰 |
| | 4 | Black | 黑 | 4 | Black | 黑 | 4 | Black | 黑 |
| | 3 | Blue | 藍 | 3 | Blue | 藍 | 3 | Blue | 藍 |
| | 2 | -- | | 2 | White | 白 | 2 | White | 白 |
| | 1 | Brown | 棕 | 1 | Brown | 棕 | 1 | Brown | 棕 |
| | Pin # | Wire | | Pin # | Wire | | Pin # | Wire | |



Pin Assignments Front View

| | | | |
|-----------|--------|--|-------------------|
| UNIT:mm | | TITLE N SEN, M12 D -PLASTIC, SCREW CABLE W/O SR, F, F, MOLDING | |
| TOLERANCE | ±0.5mm | SCALE 3:2 | SIZE A4 |
| | | REV. D | SHEET 2 OF 2 |
| | | WC-REV. A.2 | : Inspection item |

Amphenol LTW
 安費諾亮泰企業股份有限公司

| | | |
|------------------------------|-------------------------|--------------------|
| ITEM NO | DRAWN BY Yulong_wang | DATE 2016-10-14 |
| DWG NO MSDP-XXBFFM-SL8DXX | CHECKED BY Jinhai | DATE 2016-10-14 |
| CUSTOMER ALTW | APPROVED BY Jerry | DATE 2016-10-14 |